



PATENT
Atty. Docket No. 3262.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Wang et. al.

Serial No: 09/764,324

Filing Date: January 16, 2001

Title: COMPUTER SOFTWARE
FOR SEQUENCE SELECTION

Examiner: Majorie Moran

Group Art Unit: 1631

A12
Plunkett
3/24/03

RECEIVED

MAR 18 2003

TECH CENTER 1600/2900

RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT
APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID
SEQUENCE DISCLOSURES

Commissioner for Patents
Washington, D.C. 20231

Sir:

This document is submitted in response to the Office Communication, Paper 11, mailed February 10, 2003.

Transmitted herewith is a copy of the corrected "Sequence Listing" (2 sheets) in paper form for the above-identified patent application as required by 37 C.F.R. 1.825(a). A copy of the corrected "Sequence Listing" in computer readable form as required by 37 C.F.R. 1.825(b) is enclosed herewith. Applicant's representative hereby states that the content of the corrected "Sequence Listing" in paper form and the computer readable form of the "Sequence Listing" are the same and, as required by 37 C.F.R. 1.821(g), also states that the submission includes no new matter.

It is believed that no fee is required for submission of this response. However, if a fee is required, the Commissioner is authorized to deduct such fee from Deposit Account No. 01-0431. This Transmittal Letter is submitted in duplicate for accounting purposes.

Dated: 03-10-2003

Respectfully submitted,

Leticia R. Block

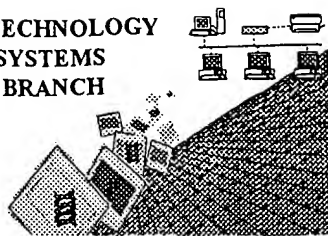
Leticia R. Block
Reg. No. 50,167

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3380 Central Expressway
Santa Clara, CA 95051
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Fax: 408-731-5392



RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY
SYSTEMS
BRANCH



TECH CENTER 1600/2900

JAN 30 2003

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The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/764,324A
Source: 1600
Date Processed by STIC: 1/24/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual- ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202



1600

RAW SEQUENCE LISTING

DATE: 01/24/2003

PATENT APPLICATION: US/09/764,324A

TIME: 08:59:23

Input Set : A:\3262.1.ST25.txt

Output Set: N:\CRF4\01242003\I764324A.raw

3 <110> APPLICANT: Mittman, Michael
 4 Chen, Jake
 5 Wang, Hui
 7 <120> TITLE OF INVENTION: Computer Software for Sequence Selection
 9 <130> FILE REFERENCE: 3262.1
 11 <140> CURRENT APPLICATION NUMBER: 09/764,324A
 12 <141> CURRENT FILING DATE: 2001-01-16
 14 <160> NUMBER OF SEQ ID NOS: 7
 16 <170> SOFTWARE: PatentIn version 3.1
 18 <210> SEQ ID NO: 1
 19 <211> LENGTH: 38
 20 <212> TYPE: DNA
 21 <213> ORGANISM: Homo Sapien
 23 <400> SEQUENCE: 1
 24 attccgggtt agcctgaccg cgcgcgcgcg cgcgcgcg 38
 27 <210> SEQ ID NO: 2
 28 <211> LENGTH: 46
 29 <212> TYPE: DNA
 30 <213> ORGANISM: Homo Sapien
 32 <400> SEQUENCE: 2
 33 gatcgattcc gattccgggt tagcctgacc gaaaaaaaa aaaaaa 46
 36 <210> SEQ ID NO: 3
 37 <211> LENGTH: 23
 38 <212> TYPE: DNA
 39 <213> ORGANISM: Homo Sapien
 41 <220> FEATURE:
 42 <221> NAME/KEY: misc_feature
 43 <222> LOCATION: (23)..(23)
 44 <223> OTHER INFORMATION: y=x=A, B, C, D
 47 <400> SEQUENCE: 3
 48 agcctttgac tgttcaagca tty 23
 51 <210> SEQ ID NO: 4
 52 <211> LENGTH: 6
 53 <212> TYPE: DNA
 54 <213> ORGANISM: Homo Sapien
 56 <400> SEQUENCE: 4
 57 ttgact 6
 60 <210> SEQ ID NO: 5
 61 <211> LENGTH: 11
 62 <212> TYPE: DNA
 63 <213> ORGANISM: Homo Sapien
 65 <400> SEQUENCE: 5
 66 agatttggt a 11

pp 1-2
Does Not Comply
Corrected Diskette Needed

*Per Sequence Rules, 'y' can only represent
 c or t/u,
 nothing else*



RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/764,324A

DATE: 01/24/2003

TIME: 08:59:23

Input Set : A:\3262.1.ST25.txt

Output Set: N:\CRF4\01242003\I764324A.raw

69 <210> SEQ ID NO: 6
 70 <211> LENGTH: 14
 71 <212> TYPE: DNA
 72 <213> ORGANISM: Homo Sapien
 74 <220> FEATURE:
 75 <221> NAME/KEY: misc_feature
 76 <222> LOCATION: (3)..(3)
 77 <223> OTHER INFORMATION: n=0.5
 80 <220> FEATURE:
 81 <221> NAME/KEY: misc_feature
 82 <222> LOCATION: (4)..(4)
 83 <223> OTHER INFORMATION: n=0.5
 86 <400> SEQUENCE: 6

W--> 87 agnnttggt agtt

14

90 <210> SEQ ID NO: 7
 91 <211> LENGTH: 23
 92 <212> TYPE: DNA
 93 <213> ORGANISM: Homo Sapiens
 95 <220> FEATURE:
 96 <221> NAME/KEY: misc_feature
 97 <222> LOCATION: (3)..(3)
 98 <223> OTHER INFORMATION: n=0.5
 101 <220> FEATURE:
 102 <221> NAME/KEY: misc_feature
 103 <222> LOCATION: (8)..(8)
 104 <223> OTHER INFORMATION: n=0.5
 107 <220> FEATURE:
 108 <221> NAME/KEY: misc_feature
 109 <222> LOCATION: (11)..(11)
 110 <223> OTHER INFORMATION: n=0.5
 113 <220> FEATURE:
 114 <221> NAME/KEY: misc_feature
 115 <222> LOCATION: (23)..(23)
 116 <223> OTHER INFORMATION: n=0.5
 119 <400> SEQUENCE: 7

W--> 120 agntttgnet ngttcaagca ttn

23

FYI!

Per Sequence Rules,
 "n" can only represent a single, entire
 nucleotide
 a, c, t, u, or
 modified

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/764,324A

DATE: 01/24/2003
TIME: 08:59:24

Input Set : A:\3262.1.ST25.txt
Output Set: N:\CRF4\01242003\I764324A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:6; N Pos. 3,4
Seq#:7; N Pos. 3,8,11,23